BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Detailed Estimate for Percuring and instllation of timer sets to existinfg street lights in Ward no 8 Kodigehalli.

Budget Head .....P:1771 Zone Works - POW Works.....

Division No..... Estimate No. 04/16-17 RS **500000.00**

	Description of Work	Qty.	Rate Rs.	Unit	Amount
1 22/4.16	Supplying High pressure sodium vapour street ligh fitting **die cast aluminium canopy** with aluminum housing for control gear, finished stove enamel gray glassy white canopy interior with a pair of anodized aluminum reflectors with toughened flat glass, gasket lining for drip inseat resistance duly wired with porcrlain holder copper choke, igniter and HPF condenser including a sodium vapour lamp.II 250watts, a) Group A	30	6900.00	Nos	207000.00
2 108/17.2.2	Supplying and Fixing of.....mm dia class A GI pipe bracket up to 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluorescent tube street light fitting of all capacities to GI or CI or rail or RCC pole / wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires.Using 32mm dia G.I.pipe	30	893.00	Nos	26790.00
3 2.12.1	Wiring for lighting / power circuit using one of pvc insulated 1100v grade stranded aluminum unsheathed wire single core cable in open or concealed system of wiring as per IS - 694 : 1990 4sq mm	90	7.50	Mtrs	675.00
4 33/5.4.2	Supply and fixing of .....cross arm including all Hardware's complete as per the standard technical specification of BESCOM2 Pin 45x45x5mm -510mm	20	306.00	Nos	6120.00
5 33/5.8.5	Supplying and Fixing ..... including all Hardware's etc. complete as per the standard technical specification of BESCOMRCC Clamp	20	84.00	Nos	1680.00
6 Bes SR	Stringing of 1.1kv LT Arial Bunched Cable, BESCOM SR	600	10.30		6180.00
7 17/3.10	Supplying and fixing phylum brand hand plastic sheet 3mm thick with necessary niches for fixing switches, regulators etc., and fixing on exisiting wood or metal box using N.F.screws	13500	0.22	Sqcm	2970.00
8 6/2.6.7	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multis and **Copper** conductor single core cable in open or consealed system of wiring.I Group A Materials.g)16 sqmm	10	132.00	Per Mtr	1320.00
9 56/7.6	Supplying of 1.1KV grade Aerial Bunched Cable Stranded & Compacted Aluminum Phase Conductor, and Stranded Messenger Conductor with all aluminum Alloy, Phase Conductor is insulated with XLPE Compound, insulated Messenger with specified IS-14255:1995 & confirming to GTP of GROUP-A.	600	92.00	Mtrs	55200.00

10 50/6.4.1	Supply and Installation / Fixing / Provision of Outdoor type Thermoplastic Modular Panel enclosure with transparent Polycarbonate Lid, shock proof, IP65 (Weather Proof), rust proof, dust proof, water proof, corrosion proof having internally Embedded gasket on both lid and flap suitable to fix Single Phase / Three Phase Energy Meter in suitable base plate and having a provision for Fuse / MCB cutout with suitable transparent hinged flap opening for operating MCB along with complete tamper proof SEALING facility.300mmx450mmx214mm	10	4266.00	Nos	42660.00
11 47/6.16	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.40-63 Amps SP	20	677.00	Nos	13540.00
12 46/6.12.4	Supply and fixing of 4-pole power contactor with NO/NC contacts on existing wood / panel board using necessary bolts, nuts, washers and wiring etc., complete. d) 100-125 Amps	10	9915.00	Nos	99150.00
13 49/6.39.1	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. And M.S. flat... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. a)40X40X6mm	5	263.00	Per Mtr	1315.00
14 32 / 9	Supplying and fixing electro mechanical timer (without contactor) using necessary bolts, nuts and waqshers etc.. Group B, PWD Elec SR 2006-07.	10	3530.00	Nos	35300.00
	Mislenious				100.00
	Total Rs				500000.00

CERTIFICATE

1. The Place was inspected and work is essential
2. The Provision made in the estimate is adequate and are necessary.
3. The Work comes in the BBMP limit and is legitimate charges on the Corporation Funds.
4. The rates in the Estimate is based on PWD (Elec) SR of 2014-15

T.N. Baldy

Asst. Engineer (Elec)

Asst. Exe.Engineer (Elec)
Sub-Division No.
Bruhat Bangalore Mahanagara Palike

EXECUTIVE ENGINEER (ELEC)
SOUTH DIVISION
BRUHAT BANGALORE MAHANAGARA PALIKE

Administrative Sanction for Rs. 5.00 lakhs
Five lakhs only
is accorded under head P-1771 Zone works - pow works
Registered as EE No. 01/16-17/18.1.17 Subject to conditions contained in endorsement No. 01/16-17 18.1.17

Executive Engineer

TECHNICALLY SANCTIONED FOR Rs. 5.00 lakhs
Rupees Five lakhs only
Under P-1771 Zone works - pow works
Registered as EE ( ) No. 02/16-17
Subject to conditions contained in endorsement No. 01/16-17 Dt. 18.1.17
Dated 18.1.17

Executive Engineer